

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-007316**Date Inspected:** 02-May-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Shi Lie**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** Shi Lin**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the time noted above for observations relative to the work being performed.

BAY#14

On going FCAW and SMAW Welding of Weld Joint 3G-234 and 4G-223 Located on SSD18-PP40 on segment 6AE Welder no identified as 066359 and 069683 The welding variables recorded by QC ZMPC Mr. Zhang Xian ji to comply with the WPS-B-T-2233-Tc-U4C-F and WPS-B-P2214-Tc-U4C-FCM.

On going FCAW Welding of Weld Joint 2F-48 Located on SSD18A-PP46 on SEG6CE Welder no identified as 048038 and The welding variables recorded by QC ZMPC Mr. Guo Xing Hui to comply with the WPS-B-T-2132.

Visual inspection of weld joint fit-up of SEG05A-003; 1G (SP622A+SP582A) Joint details recorded By ZPMC QC Mr.Liu Rudan to comply with WPS-B-T-2231-B-U2-F.

BAY#13

On going Heat straightening of Bottom Panel in SEG048B-003 recorded by ZPMC QC Mr. Wang Xu to comply with HSR-6438.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract

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documents

Summary of Conversations:

No Relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar, Chadra	Quality Assurance Inspector
Reviewed By:	Clifford, William	QA Reviewer
